

## Hit List

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

### Search Results - Record(s) 1 through 10 of 35 returned.

#### 1. Document ID: US 6702181 B2

L1: Entry 1 of 35

File: USPT

Mar 9, 2004

US-PAT-NO: 6702181

DOCUMENT-IDENTIFIER: US 6702181 B2

TITLE: Portable automated banking apparatus and system

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KOMC](#) [Drawn D](#)

#### 2. Document ID: US 6700965 B1

L1: Entry 2 of 35

File: USPT

Mar 2, 2004

US-PAT-NO: 6700965

DOCUMENT-IDENTIFIER: US 6700965 B1

TITLE: Identifier-triggered personalized customer relations management service

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KOMC](#) [Drawn D](#)

#### 3. Document ID: US 6687734 B1

L1: Entry 3 of 35

File: USPT

Feb 3, 2004

US-PAT-NO: 6687734

DOCUMENT-IDENTIFIER: US 6687734 B1

TITLE: System and method for determining if one web site has the same information as another web site

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KOMC](#) [Drawn D](#)

#### 4. Document ID: US 6640145 B2

L1: Entry 4 of 35

File: USPT

Oct 28, 2003

US-PAT-NO: 6640145

DOCUMENT-IDENTIFIER: US 6640145 B2

TITLE: Media recording device with packet data interface

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Text	Figures	Tables	Claims	KMNC	Drawn D
------	-------	----------	-------	--------	----------------	------	-----------	----------	------	---------	--------	--------	------	---------

---

5. Document ID: US 6602138 B2

L1: Entry 5 of 35

File: USPT

Aug 5, 2003

US-PAT-NO: 6602138

DOCUMENT-IDENTIFIER: US 6602138 B2

TITLE: System for linking a unique identifier to an instant game ticket

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Text	Figures	Tables	Claims	KMNC	Drawn D
------	-------	----------	-------	--------	----------------	------	-----------	----------	------	---------	--------	--------	------	---------

---

6. Document ID: US 6526335 B1

L1: Entry 6 of 35

File: USPT

Feb 25, 2003

US-PAT-NO: 6526335

DOCUMENT-IDENTIFIER: US 6526335 B1

TITLE: Automobile personal computer systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Text	Figures	Tables	Claims	KMNC	Drawn D
------	-------	----------	-------	--------	----------------	------	-----------	----------	------	---------	--------	--------	------	---------

---

7. Document ID: US 6510417 B1

L1: Entry 7 of 35

File: USPT

Jan 21, 2003

US-PAT-NO: 6510417

DOCUMENT-IDENTIFIER: US 6510417 B1

TITLE: System and method for voice access to internet-based information

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Text	Figures	Tables	Claims	KMNC	Drawn D
------	-------	----------	-------	--------	----------------	------	-----------	----------	------	---------	--------	--------	------	---------

---

8. Document ID: US 6418424 B1

L1: Entry 8 of 35

File: USPT

Jul 9, 2002

US-PAT-NO: 6418424

DOCUMENT-IDENTIFIER: US 6418424 B1

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition based control system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Text	Figures	Tables	Claims	KMNC	Drawn D
------	-------	----------	-------	--------	----------------	------	-----------	----------	------	---------	--------	--------	------	---------

9. Document ID: US 6418199 B1

L1: Entry 9 of 35

File: USPT

Jul 9, 2002

US-PAT-NO: 6418199

DOCUMENT-IDENTIFIER: US 6418199 B1

TITLE: Voice control of a server

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Search](#) [Print](#) [Claims](#) [KMMC](#) [Drawn D](#) 10. Document ID: US 6400996 B1

L1: Entry 10 of 35

File: USPT

Jun 4, 2002

US-PAT-NO: 6400996

DOCUMENT-IDENTIFIER: US 6400996 B1

TITLE: Adaptive pattern recognition based control system and method

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Search](#) [Print](#) [Claims](#) [KMMC](#) [Drawn D](#)[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate OACS](#)

Terms	Documents
(user\$1 near3 voice near3 identif\$4) and (user\$1 near3 transaction\$1)	35

Display Format:  [Change Format](#)[Previous Page](#) [Next Page](#) [Go to Doc#](#)

## Refine Search

### Search Results -

Terms	Documents
(user\$1 near3 voice near3 identif\$4) and (user\$1 near3 transaction\$1)	35

**Database:**

US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Search:****Refine Search****Recall Text****Clear****Interrupt**

### Search History

**DATE: Tuesday, March 09, 2004** [Printable Copy](#) [Create Case](#)**Set Name** **Query**

side by side

**Hit Count** **Set Name**

result set

*DB=USPT; PLUR=YES; OP=OR*

L1 (user\$1 near3 voice near3 identif\$4) and (user\$1 near3 transaction\$1)

35 L1

END OF SEARCH HISTORY

## Hit List

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

### Search Results - Record(s) 21 through 30 of 35 returned.

#### 21. Document ID: US 6081750 A

L1: Entry 21 of 35

File: USPT

Jun 27, 2000

US-PAT-NO: 6081750

DOCUMENT-IDENTIFIER: US 6081750 A

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition based control system

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KOMC](#) [Drawn D.](#)

#### 22. Document ID: US 6073105 A

L1: Entry 22 of 35

File: USPT

Jun 6, 2000

US-PAT-NO: 6073105

DOCUMENT-IDENTIFIER: US 6073105 A

TITLE: Interactive personals online network method and apparatus

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KOMC](#) [Drawn D.](#)

#### 23. Document ID: US 6064666 A

L1: Entry 23 of 35

File: USPT

May 16, 2000

US-PAT-NO: 6064666

DOCUMENT-IDENTIFIER: US 6064666 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Cross service common user image association

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KOMC](#) [Drawn D.](#)

#### 24. Document ID: US 6029195 A

L1: Entry 24 of 35

File: USPT

Feb 22, 2000

US-PAT-NO: 6029195

DOCUMENT-IDENTIFIER: US 6029195 A

TITLE: System for customized electronic identification of desirable objects

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Abstract](#) [Detailed Text](#) [Claims](#) [KOMC](#) [Drawn D](#)

---

25. Document ID: US 6023688 A

L1: Entry 25 of 35

File: USPT

Feb 8, 2000

US-PAT-NO: 6023688

DOCUMENT-IDENTIFIER: US 6023688 A

\*\* See image for Certificate of Correction \*\*

TITLE: Transaction apparatus and method that identifies an authorized user by appearance and voice

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Abstract](#) [Detailed Text](#) [Claims](#) [KOMC](#) [Drawn D](#)

---

26. Document ID: US 5901246 A

L1: Entry 26 of 35

File: USPT

May 4, 1999

US-PAT-NO: 5901246

DOCUMENT-IDENTIFIER: US 5901246 A

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition based control system

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Abstract](#) [Detailed Text](#) [Claims](#) [KOMC](#) [Drawn D](#)

---

27. Document ID: US 5893057 A

L1: Entry 27 of 35

File: USPT

Apr 6, 1999

US-PAT-NO: 5893057

DOCUMENT-IDENTIFIER: US 5893057 A

TITLE: Voice-based verification and identification methods and systems

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Abstract](#) [Detailed Text](#) [Claims](#) [KOMC](#) [Drawn D](#)

---

28. Document ID: US 5884271 A

L1: Entry 28 of 35

File: USPT

Mar 16, 1999

US-PAT-NO: 5884271

DOCUMENT-IDENTIFIER: US 5884271 A

TITLE: Device, system and methods of conducting paperless transactions

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Search](#) [Advanced Search](#) [Claims](#) [KMC](#) [Drawn D](#)

---

29. Document ID: US 5875108 A

L1: Entry 29 of 35

File: USPT

Feb 23, 1999

US-PAT-NO: 5875108

DOCUMENT-IDENTIFIER: US 5875108 A

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition based control system

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Search](#) [Advanced Search](#) [Claims](#) [KMC](#) [Drawn D](#)

---

30. Document ID: US 5714741 A

L1: Entry 30 of 35

File: USPT

Feb 3, 1998

US-PAT-NO: 5714741

DOCUMENT-IDENTIFIER: US 5714741 A

TITLE: Device for transparent interaction between an IC card and a remote terminal

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Search](#) [Advanced Search](#) [Claims](#) [KMC](#) [Drawn D](#)

---

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate OACS](#)

Terms	Documents
(user\$1 near3 voice near3 identif\$4) and (user\$1 near3 transaction\$1)	35

---

Display Format:  [Change Format](#)

[Previous Page](#) [Next Page](#) [Go to Doc#](#)

First Hit Fwd Refs **Generate Collection** 

L1: Entry 12 of 35

File: USPT

Jul 24, 2001

DOCUMENT-IDENTIFIER: US 6266640 B1  
TITLE: Data network with voice verification means

Abstract Text (1):

A technique for verifying a user's voice prior to permitting the user to conduct a business transaction over a data network. An order is received via the data network, and a voice verification unit is contacted to (i) access a prestored voice print, (ii) obtain a present voice sample from the consumer desiring the transaction and compare said present voice sample to the prestored voice sample, and (iii) issue a signal indicating whether the voice correctly verifies.

Brief Summary Text (11):

The above and other problems of the prior art are overcome in accordance with the present invention which relates to a technique of verifying the user's identity by use of a voice print before allowing the user to engage in commercial transactions over the data network. In accordance with one embodiment of the invention, a voice verification unit is connected to the data network. The user's ID is ascertained by means of, for example, his data network address, and his stored voice print is retrieved from a voice print bank. The user is then asked to speak a few words, in order to verify the user's identity. The verification of the user's speech pattern may take place with the aid of a separate telephone call initiated by either the voice verification unit or the user's computer and/or telephone, or by the computer accepting and processing the transaction. The verification may take place by transmitting the voice in digital form over the data network.

Detailed Description Text (7):

Consider an exemplary transaction whereby a user of computer 105a is desirous of purchasing a service from a vendor. The vendor operates computer 105c. Additionally, each user of data network 101 is known to the data network 101 as a predetermined logical address. Such an arrangement is typical of the internet, where all users must register their internet domain name.

Detailed Description Text (16):

The transaction ID is utilized in order to be able to pair the voice sample entered at the time of transaction with the prestored voice sample. In one simple embodiment, the transaction ID may be the user's data network address.

Detailed Description Text (20):

In any of the above cases, subsequent to the voice sample being received from the consumer, block 205 transmits the appropriate information from computer 105c to voice verification unit 103. The information may include the transaction entered by the user during a telephone call, as well as the voice sample. Alternatively, if the voice sample was received directly at the voice verification unit 103, then the record would include only the transaction ID so that the voice verification unit could match the transaction ID received from the user with that generated by computer 105c.

Detailed Description Text (21):

In any event, the assembled record is transmitted at block 206 to the voice verification unit 103 for processing. At block 207, the voice verification unit

sends the appropriate answer back to computer 104. If the voice is verified as correct, then the transaction is processed at block 208. As also shown in FIG. 2, if the voice is not verified as correct, then the transaction is rejected, or alternatively, the user may be asked to reinput the voice sample, just in case the first sample was inappropriately corrupted.

CLAIMS:

1. A method of consummating a transaction over a data network in a system having a consumer computer, a transaction computer and a voice verification unit, comprising:

generating a transaction identification number which is uniquely associated with a transaction desired to be consummated between said transaction computer and a user of said consumer computer, said transaction identification number comprising a user ID of said user;

establishing a data network connection from said transaction computer to said voice verification unit, and transmitting said transaction identification number from said transaction computer to said voice verification unit over said data network;

requesting said user to provide a voice sample;

receiving, at said voice verification unit, said voice sample entered by said user, said voice sample being associated with said transaction identification number;

verifying said voice sample, at said voice verification unit, by comparing it to a pre-stored voice print of said user identified by said user ID;

transmitting a verification signal along with said transaction identification number from said voice verification unit to said transaction computer over said data network; and

consummating said transaction only if said voice sample is verified to be correct.

2. The method of claim 1 wherein said voice sample is provided by said user to said transaction computer.

11. A system for consummating a transaction, comprising:

a consumer computer;

a transaction computer for receiving a transaction request from a user of said consumer computer, said user having a unique user ID;

means for generating a transaction identification number for said transaction requested by said user, said transaction identification number comprising said user ID;

means for sending said transaction ID to a voice verification unit;

means for requesting said user to provide a voice sample;

means for receiving said voice sample provided by said user; and

said voice verification unit comprising a voice print bank for pre-storing a voice print of said user tagged by said user ID, means for verifying said voice sample of said user by comparing said voice sample with said pre-stored voice print of said user, and means for transmitting a verification signal along with said transaction identification number to said transaction computer over said data network;

wherein said transaction computer and said voice verification unit are connected to a data network with separate addresses via said network and are communicable to each other over said data network.